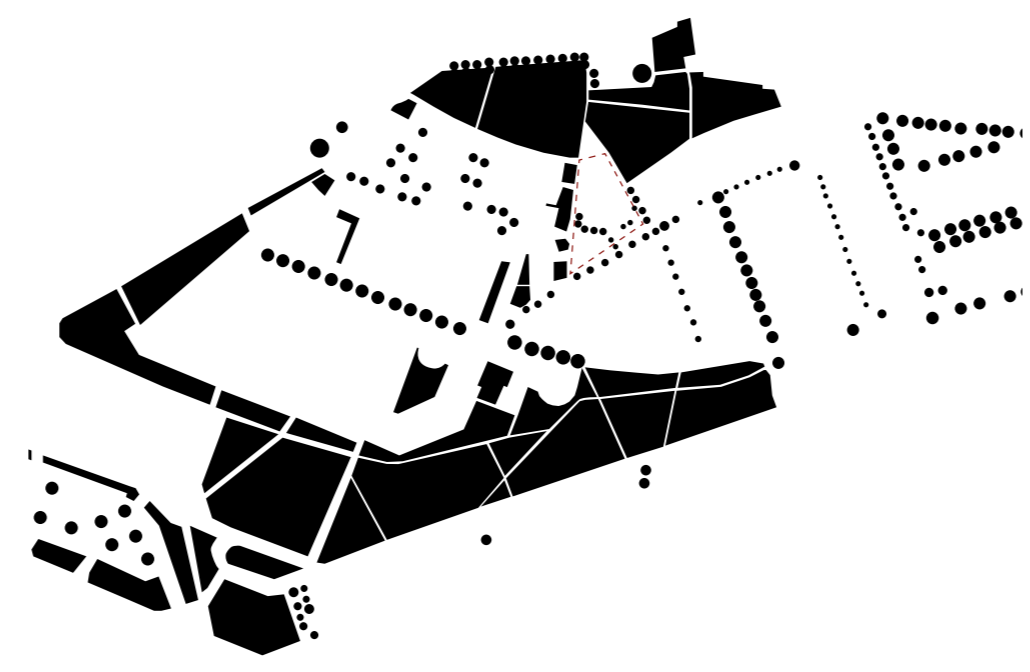
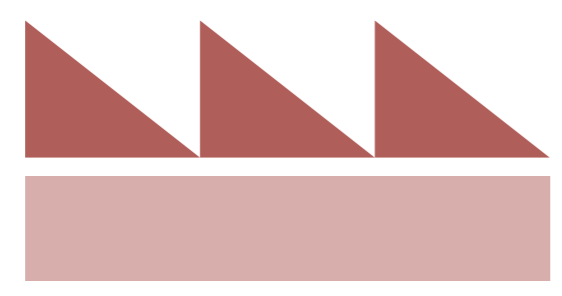


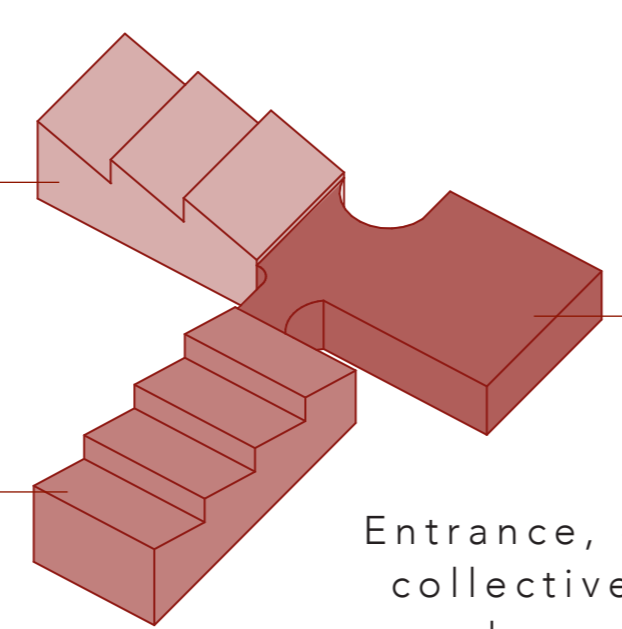
De Baisschool

Katendrecht Rotterdam



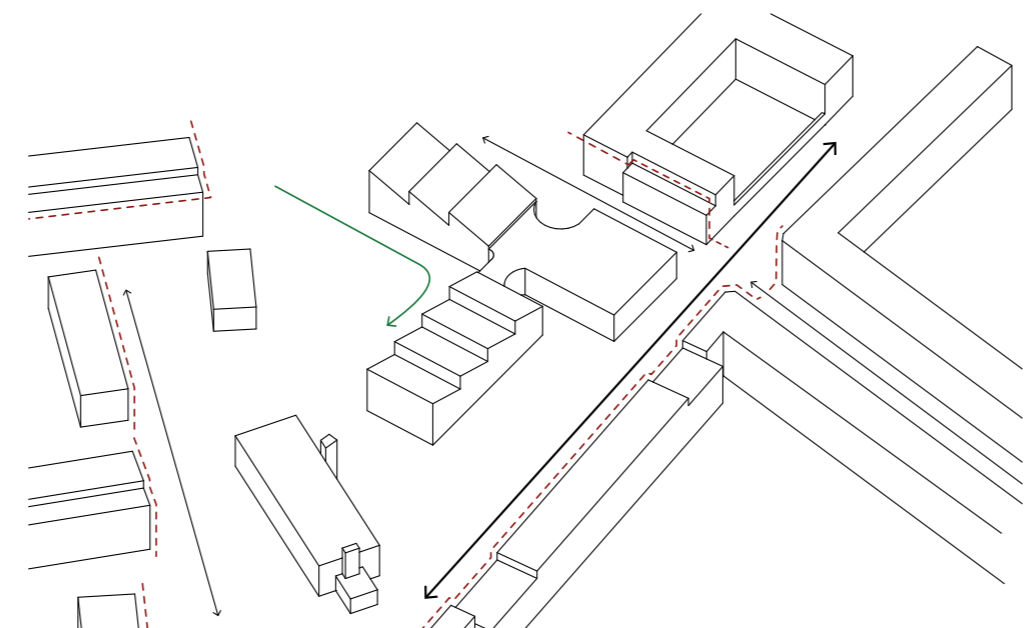
Current green urban fabric

Daycare, classrooms and leertuin



Three volumes

Entrance, centrale collective space aula and gym



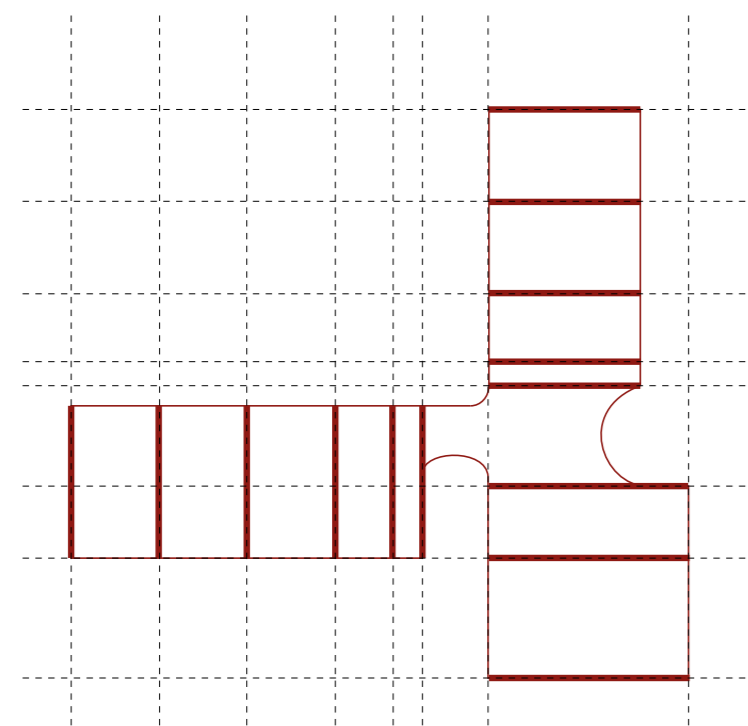
Urban integration



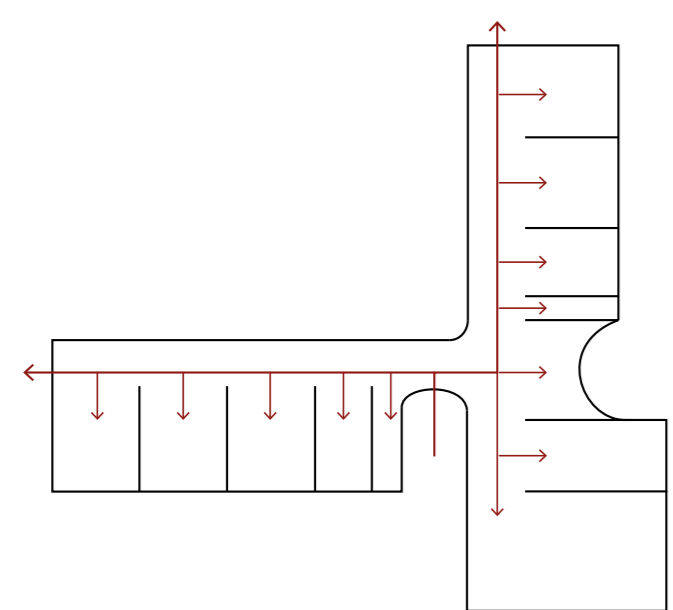
Site plan

1:500

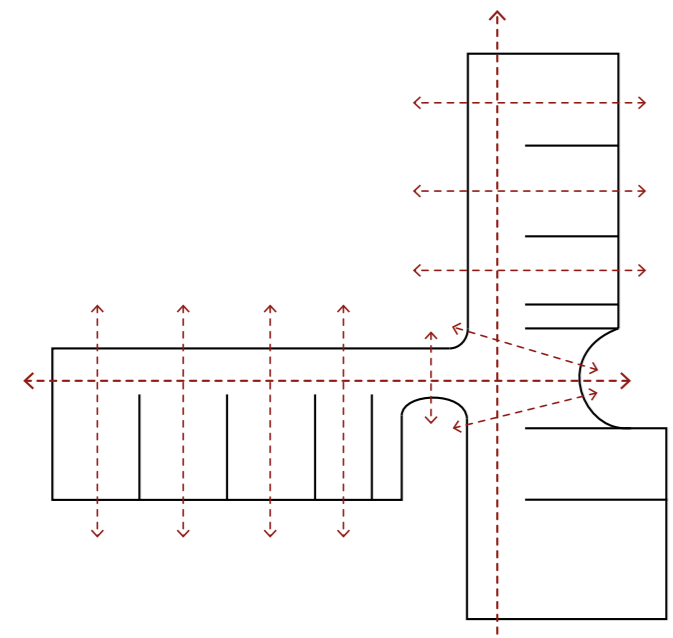
Structure



Circulation



Sightlines



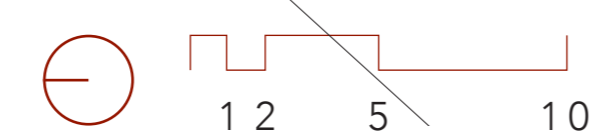
Ground floor

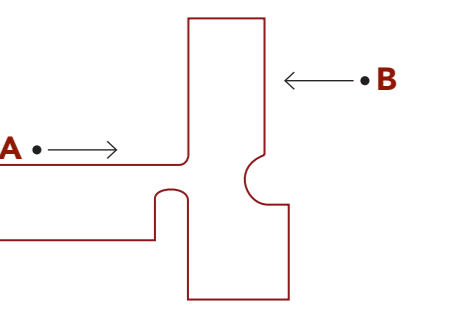
1:200



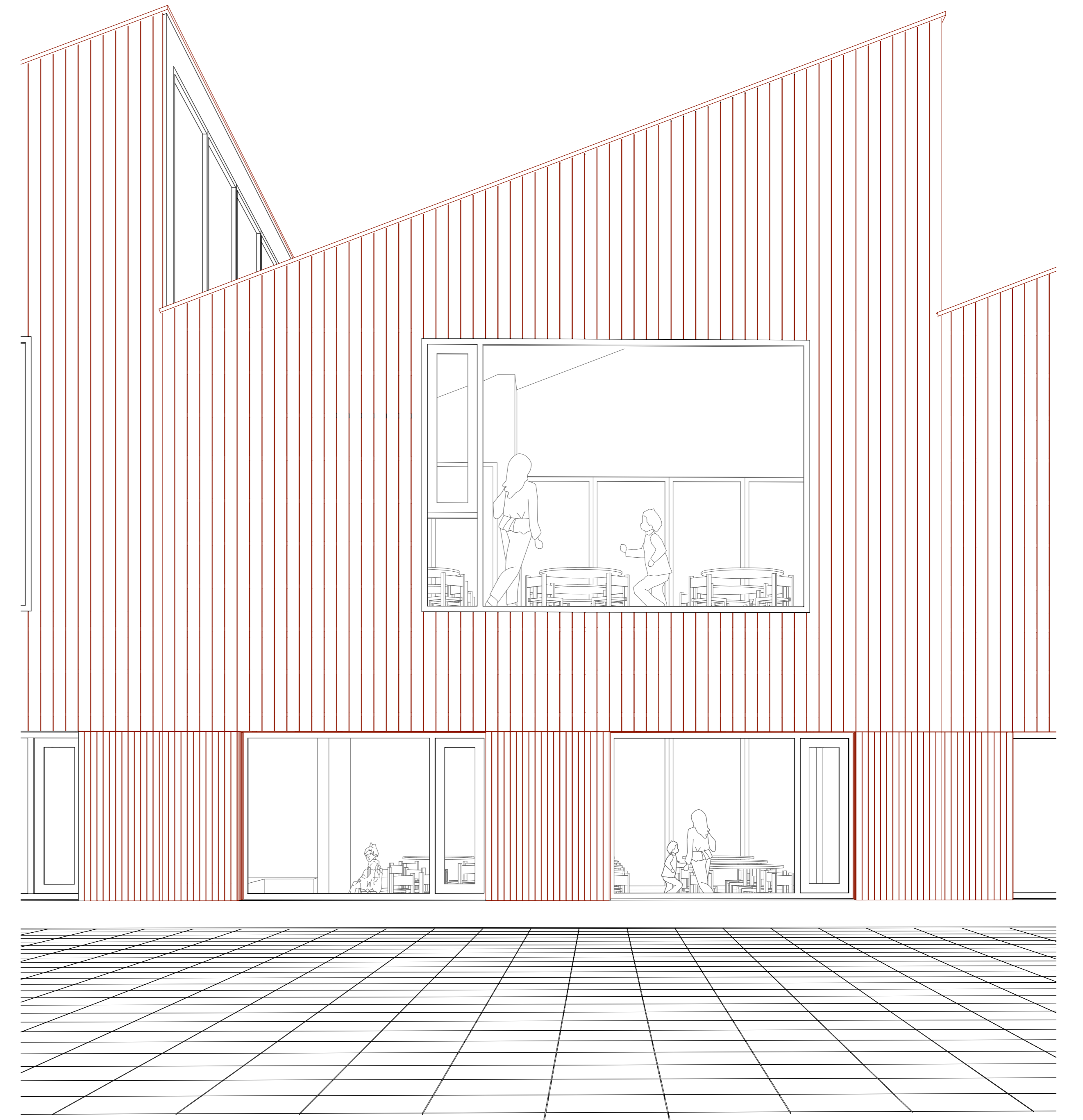
Legend Ground- and first floor

- | | |
|---------------------|------------------------|
| 1 Bicycle parking | 12 Entrance daycare |
| 2 Voorplein | 13 Daycare |
| 3 Main entrance | 14 Junior classroom |
| 4 Entrance gym | 15 Playground |
| 5 Reception gym | 16 Senior classrooms |
| 6 Changing rooms | 17 Leertuin |
| 7 Gym | 18 Meeting room |
| 8 Storage gym | 19 Media library |
| 9 Kitchen | 20 Tribune |
| 10 Aula | 21 Staff |
| 11 Leertuin | 22 Music room |

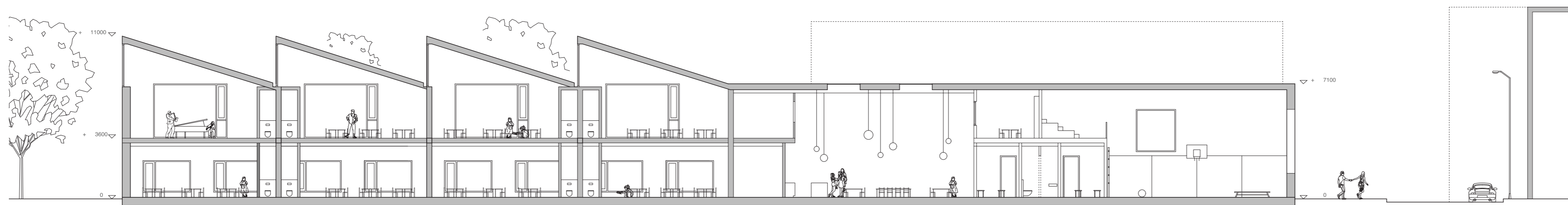




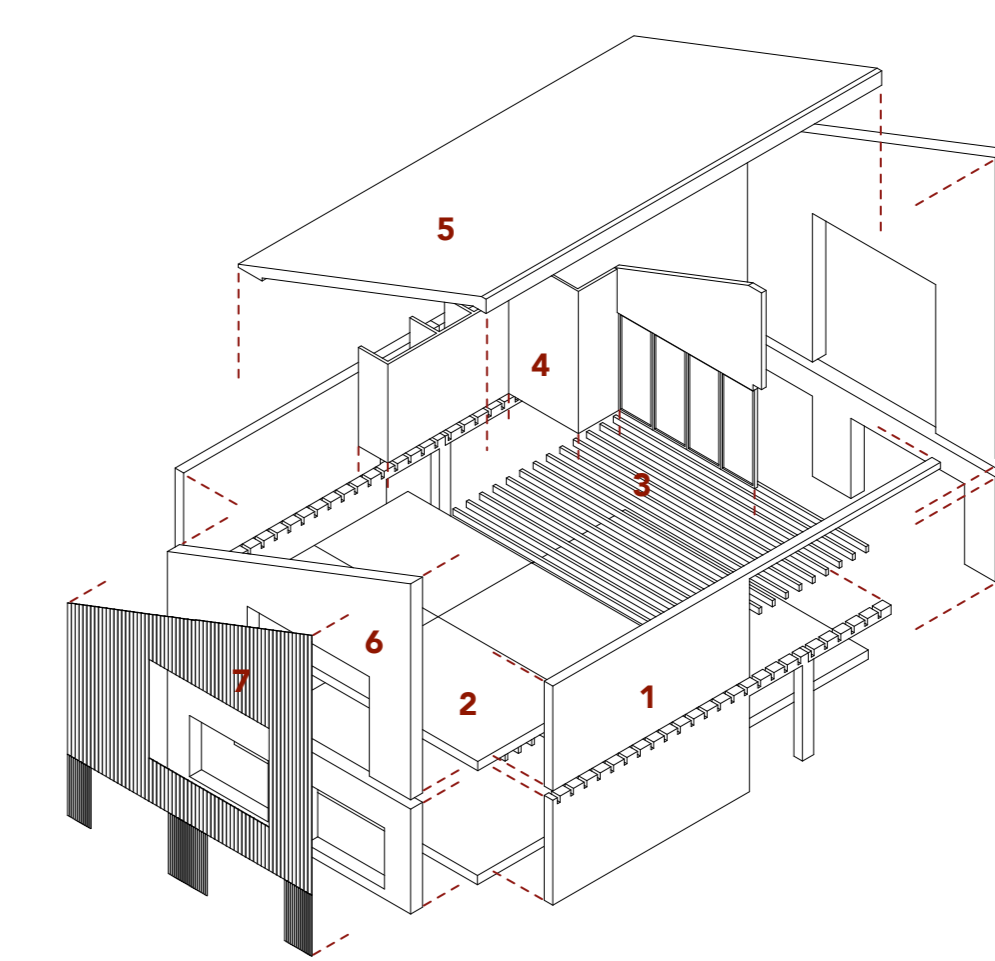
A | in- and outdoor



B | North-east facade



Section AA
1:500

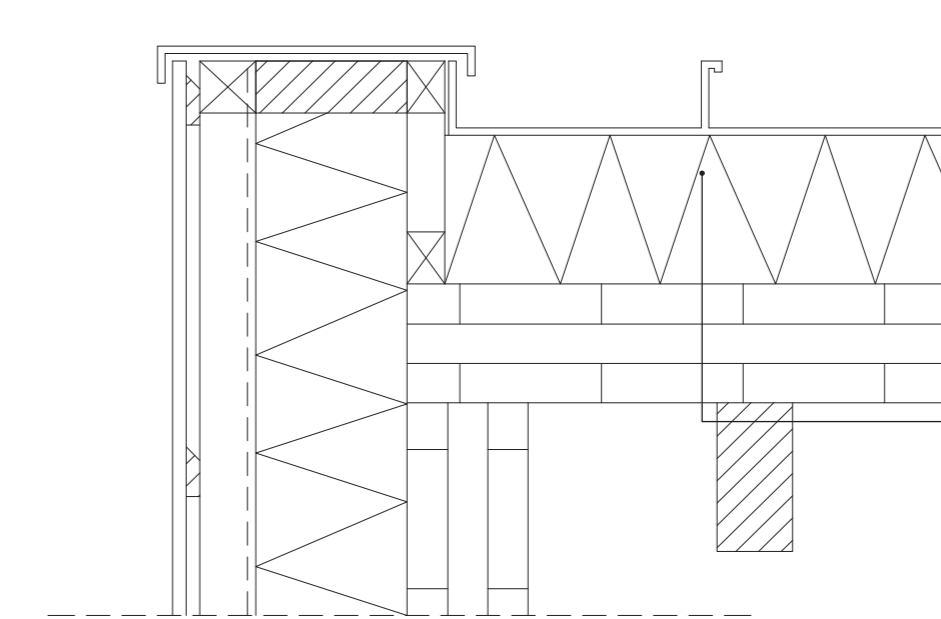


Construction principle

- 1 | CLT Load bearing walls
- 2 | Structural CLT Floor
- 3 | Beam structure
- 4 | Internal timber frame construction walls
- 5 | Structural CLT roof
- 6 | CLT external panel
- 7 | Timber cladding



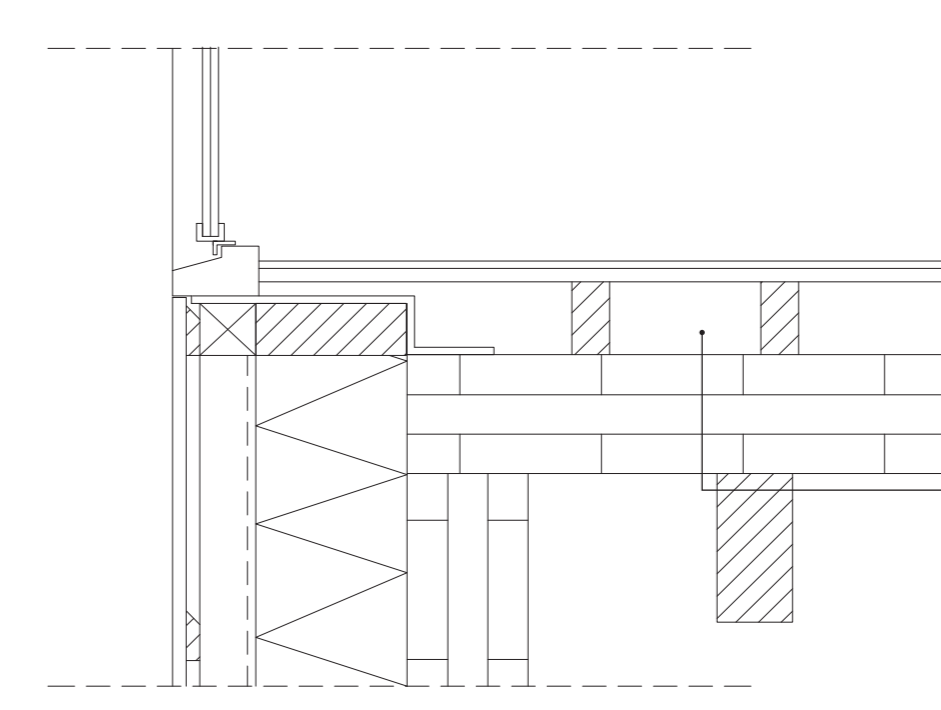
First floor
1:200



Roof construction

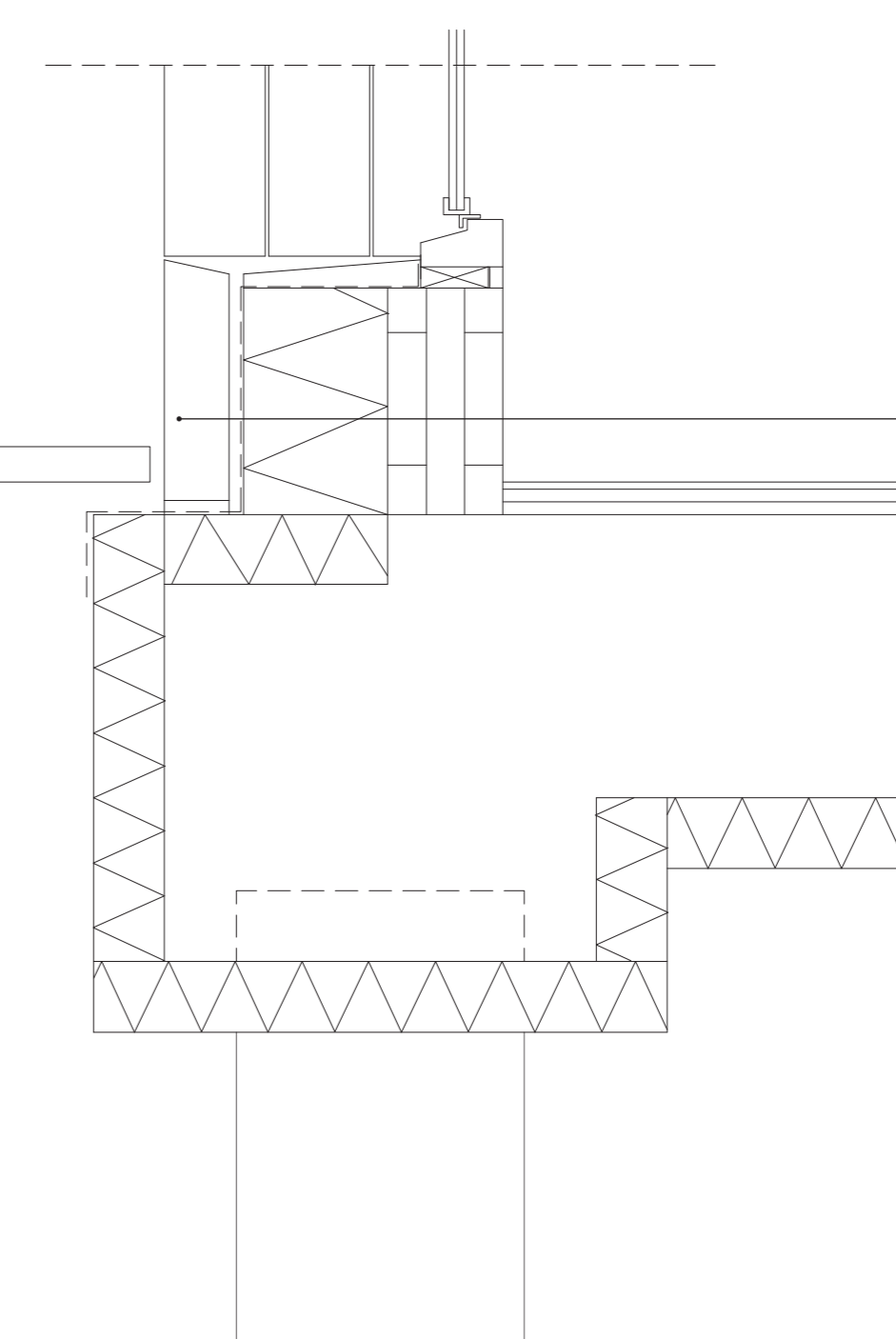
1:10

- Kalzip
- Damping foil
- Insulation
- CLT roof panel (3 layers)
- Beams 200 x 100



Floor construction

- Fermacell floor plates
- Timber beams providing pipes
- Insulation
- CLT external panel (3 layers)
- Beams 200 x 100



Wall construction

- Prefab concrete element
- Damping foil
- Timber structure
- Insulation
- CLT external panel (3 layers)

